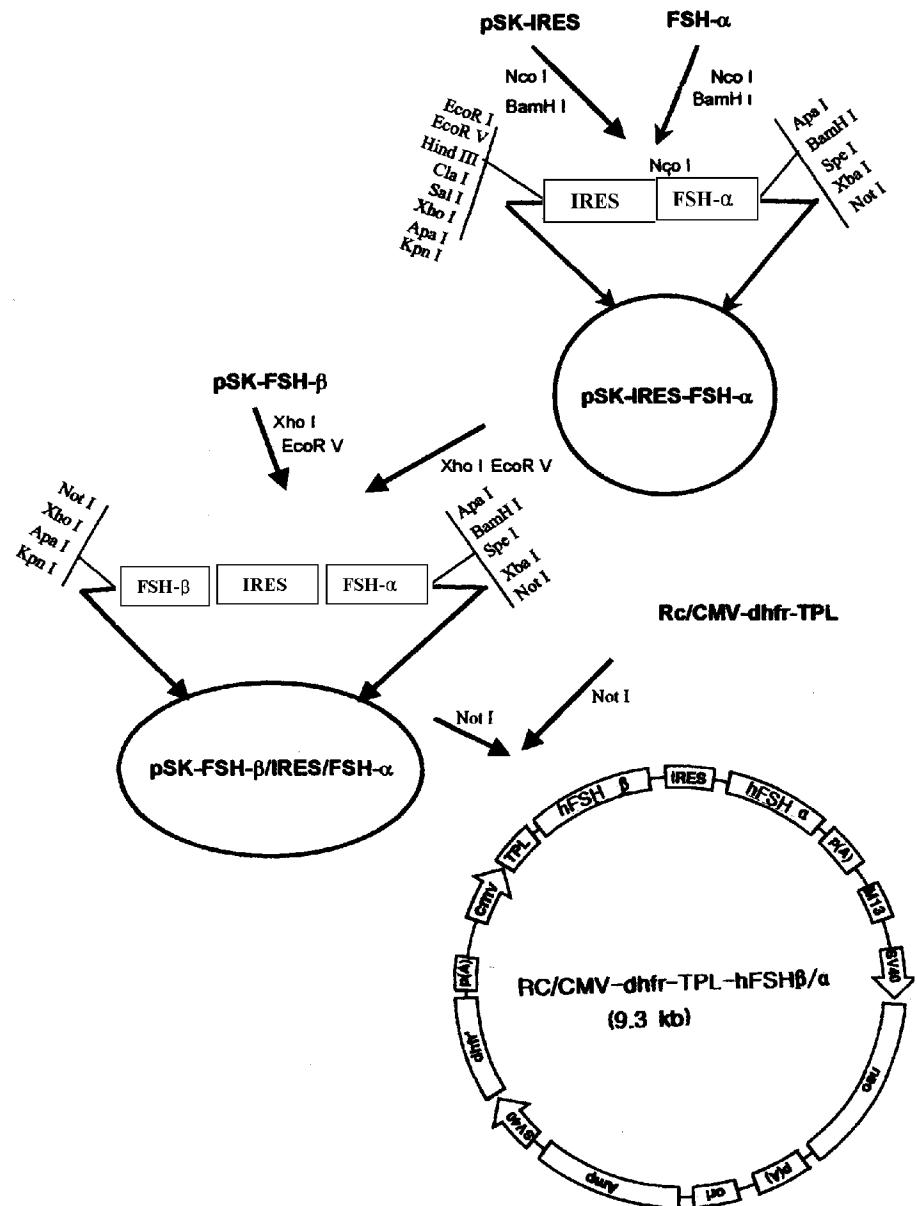


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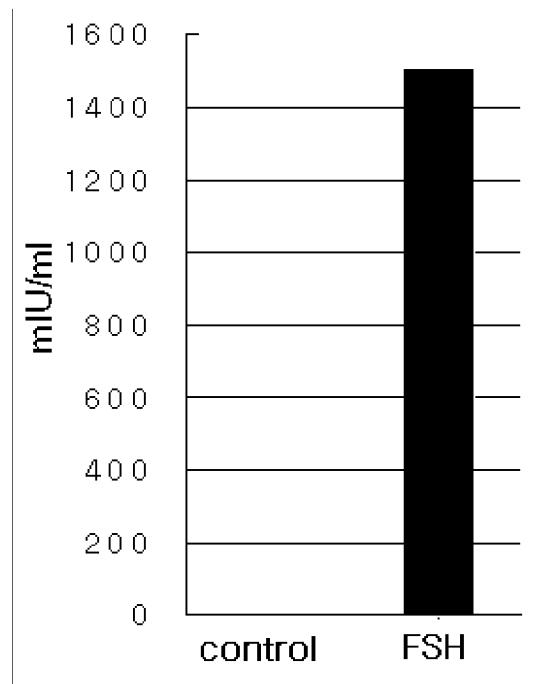
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Wild type DNA sequence	ATG GAT TAC TAC AGA AAA TAT GCA GCT ATC TTT CTG GTC ACA TTG
Amplified DNA sequence	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
Amino acid sequence	Met Asp Tyr Tyr Arg Lys Tyr Ala Ala Ile Phe Leu Val Thr Leu
	TCG GTC TTT CTG CAT GTT CTC CAT TCC GCT CCT GAT GTG CAG GAT
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Ser Val Phe Leu His Val Leu His Ser Ala Pro Asp Val Gln Asp
	TGC CCA GAA TGC ACG CTA CAG GAA AAC CCA TTC TTC TCC CAG CCG
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Cys Pro Glu Cys Thr Leu Gln Glu Asn Pro Phe Phe Ser Gln Pro
	GGT GCC CCA ATA CTT CAG TGC ATG GGC TGC TGC TTC TCT AGA GCA
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
FSH $\alpha$ subunit	Gly Ala Pro Ile Leu Gln Cys Met Gly Cys Cys Phe Ser Arg Ala
	TAT CCC ACT CCA CTA AGG TCC AAG AAG ACG ATG TTG GTC CAA AAG
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Tyr Pro Thr Pro Leu Arg Ser Lys Lys Thr Met Leu Val Gln Lys
	AAC GTC ACC TCA GAG TCC ACT TGC TGT GTA GCT AAA TCA TAT AAC
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Asn Val Thr Ser Glu Ser Thr Cys Cys Val Ala Lys Ser Tyr Asn
	AGG GTC ACA GTA ATG GGG GGT TTC AAA GTG GAG AAC CAC ACG GCG
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Arg Val Thr Val Met Gly Phe Lys Val Glu Asn His Thr Ala
	TGC CAC TGC AGT ACT TGT TAT TAT CAC AAA TCT TAA
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Cys His Cys Ser Thr Cys Tyr Tyr His Lys Ser termination

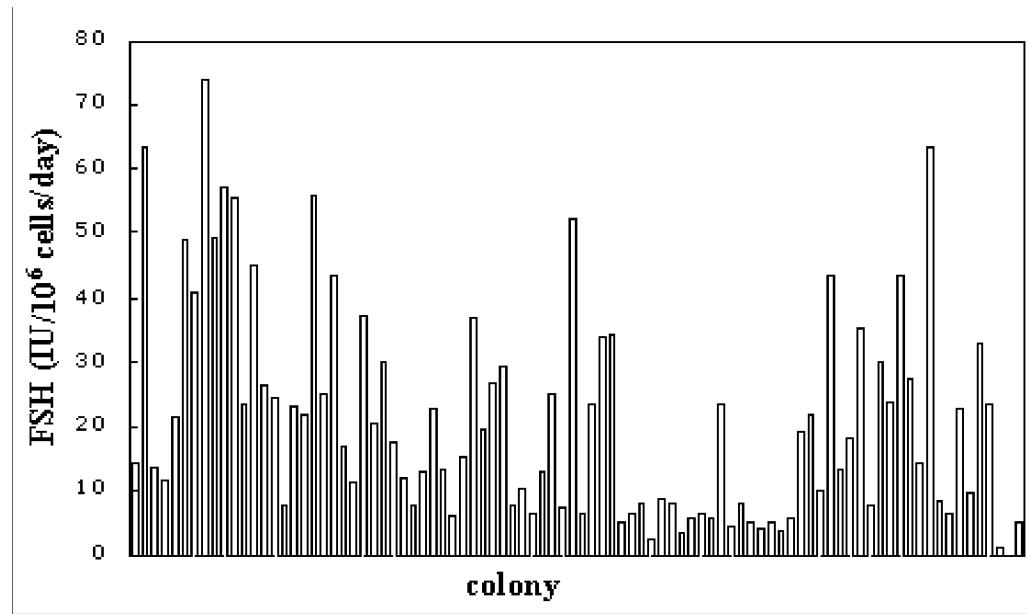
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Wild type DNA sequence	ATG AAG ACA CTC CAG TTT TTC TTC CTT TTC TGT TGC TGG AAA GCA
Amplified DNA sequence	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
Amino acid sequence	Met Lys Thr Leu Gln Phe Phe Leu Phe Cyc Cys Trp Lys Ala
	ATC TGC TGC AAT AGC TGT GAG CTG ACC AAC ATC ACC ATT GCA ATA
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Ile Cys Cys Asn Ser Cys Glu Leu Thr Asn Ile Thr Ile Ala Ile
	GAG AAA GAA GAA TGT CGT TTC TGC ATA AGC ATC AAC ACC ACT TGG
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Glu Lys Glu Glu Cys Arg Phe Cys Ile Ser Ile Asn Thr Thr Trp
	TGT GCT GGC TAC TGC TAC ACC AGG GAT CTG GTG TAT AAG GAC CCA
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Cys Ala Gly Tyr Cys Tyr Thr Arg Asp Leu Val Tyr Lys Asp Pro
FSH $\beta$ subunit	GCC AGG CCC AAA ATC CAG AAA ACA TGT ACC TTC AAG GAA CTG GTA
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Ala Arg Pro Lys Ile Gln Lys Thr Cys Thr Phe Lys Glu Leu Val
	TAT GAA ACA GTG AGA GTG CCC GGC TGT GCT CAC CAT GCA GAT TCC
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Tyr Glu Thr Val Arg Val Pro Gly Cys Ala His His Ala Asp Ser
	TTG TAT ACA TAC CCA GTG GCC ACC CAG GTG CAC TGT GGC AAG TGT
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Leu Tyr Thr Tyr Pro Val Ala Thr Gln Val His Cys Gly Lys Cys
	GAC AGC GAC AGC ACT GAT TGT ACT GTG CGA GGC CTG GGG CCC AGC
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Asp Ser Asp Ser Thr Asp Cys Thr Val Arg Gly Leu Gly Pro Ser
	TAC TGC TCC TTT GGT GAA ATG AAA GAA TAA
	--- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
	Tyr Cys Ser Phe Gly Glu Met Lys Glu termination

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